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3. On the absence of oscillations in compartmental dynamical systems

Decision and Control, 2002, Proceedings of the 41st IEEE Conference on

Chellaboina, V.; Haddad, W.M.; Bailey, J.M.; Ramakrishnan, J.;

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			2.	On nonoscillation and monotonicity of solutions of nonnegative and compartment systems  Chellaboina, V.; Haddad, W.M.; Bailey, J.M.; Ramakrishnan, J.;  Biomedical Engineering, IEEE Transactions on  Volume 51, Issue 3, March 2004 Page(s):408 - 414
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			5.	Modeling and closed-loop control of hypnosis by means of bispectral index (BIS) Gentilini, A.; Rossoni-Gerosa, M.; Frei, C.W.; Wymann, R.; Morari, M.; Zbinden, A.M.; Biomedical Engineering, IEEE Transactions on Volume 48, Issue 8, Aug. 2001 Page(s):874 - 889		
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1. Pharmacokinetic-pharmacodynamic model for educational simulations

van Meurs, W.L.; Nikkelen, E.; Good, M.L.; Biomedical Engineering, IEEE Transactions on Volume 45, Issue 5, May 1998 Page(s):582 - 590

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Intrinsic dynamics and pharmacometric model discrimination

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Meyer Katzper

December 1995 Proceedings of the 27th conference on Winter simulation

Full text available: pdf(647.66 KB) Additional Information: full citation, references, index terms

Asthma dynamics and medical amelioration

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Meyer Katzper

December 1992 Proceedings of the 24th conference on Winter simulation

Full text available: pdf(424.85 KB) Additional Information: full citation, references, index terms

Pharmacokinetic modeling: an approach to risk assessment Philip E. Robinson, Cheryl S. Scott, David W. Yesair, Paul I. Feder, Steven J. Naber December 1985 Proceedings of the 17th conference on Winter simulation

Full text available: pdf(697.17 KB) Additional Information: full citation, abstract, references

The United States Environmental Protection Agency (EPA) is sponsoring research on the development of Pharmacokinetic Models to support the Agency's Exposure and Risk Assessment processes. A prototype model, formulated for the chemical hexachlorobenzene (HCB), has been developed to describe this chemical's absorption, distribution, and elimination in humans and animal species. These processes are described by systems of simultaneous coupled first order differential equations. The model provi ...

Session 5: less is more: Information security is information risk management Bob Blakley, Ellen McDermott, Dan Geer September 2001 Proceedings of the 2001 workshop on New security paradigms

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Information security is important in proportion to an organization's dependence on information technology. When an organization's information is exposed to risk, the use of information security technology is obviously appropriate. Current information security technology, however, deals with only a small fraction of the problem of information risk. In fact, the evidence increasingly suggests that information security technology does not

reduce information risk very effectively. This paper argues t ... 5 Bioinformatics: Labrat LIMS: an extensible framework for developing laboratory information management, analysis, and bioinformatics solutions for microarrays Marcus R. Breese, Matthew J. Stephens, Jeanette N. McClintick, Matthew W. Grows, Howard J. Edenberg March 2003 Proceedings of the 2003 ACM symposium on Applied computing Full text available: pdf(804.89 KB) Additional Information: full citation, abstract, references The biotechnology industry has long recognized the need for robust methods for tracking samples and data; however, it is only with the recent widespread adoption of genomic scale experiments that smaller academic facilities have also begun to appreciate the value of laboratory information management systems (LIMS) for use in tracking samples through the many procedures involved, including automated data collection and analysis. We have designed an extensible LIMS database backend collectively ca ... **Keywords:** LIMS, bioinformatics, database, expression analysis, microarray 6 Modeling disease processes for drug development: bridging the gap between quantitative and heuristic models Pamela K. Fink, L. Tandy Herren November 1996 Proceedings of the 28th conference on Winter simulation Full text available: pdf(850.28 KB) Additional Information: full citation, references Joint use of simulation and nonlinear curve fitting in compartmental models (abstract) Meyer Katzper January 1990 Proceedings of the 1990 ACM annual conference on Cooperation Full text available: ndf(104.10 KB) Additional Information: full citation, abstract, index terms Simulation and nonlinear fitting programs allow a greater role for human experience and judgement when used jointly in obtaining the best ranges and fit for the parameters of compartmental models. Currently available software provides graphical interfaces which make a viewing and intervention strategy attractive and efficient. This is especially the case in nonlinear models where required initial estimates can lead to false solution due to local minima. Simulations can be used which provide ... 8 Health care: Healthcare process analysis: redesigning the medication ordering. dispensing, and administration process in an acute care academic health sciences centre Cathy Wong, Glen Geiger, Yaron D. Derman, Carolyn R. Busby, Michael W. Carter December 2003 Proceedings of the 35th conference on Winter simulation: driving innovation Full text available: ddf(502.47 KB) Additional Information: full citation, abstract, references Two simulation models have been built to quantify the advantages of an electronic medication ordering, dispensing and administration process compared with the current manual process at an acute care academic health sciences centre. The first model represents the current manual system, and has been validated against observed data. The second model represents the proposed electronic medication ordering, dispensing and administration system. The results show that there is a potential to signific ...

Molecular imaging and biomedical process modeling

David Dagan Feng January 2004 Proceedings of the second conference on Asia-Pacific bioinformatics -Volume 29 Full text available: pdf(159.73 KB) Additional Information: full citation, abstract, references This paper describes the core theories and enabling technologies developed for molecular imaging at the BMIT Group and the CMSP Center over the last 10 years, in the areas of dynamic image data acquisition, compression, storage, management, modeling, simulation, analysis, processing, registration, and visualization. 10 Algorithm 717; subroutines for maximum likelihood and guasi-likelihood estimation of parameters in nonlinear regression models David S. Bunch, David M. Gay, Roy E. Welsch March 1993 ACM Transactions on Mathematical Software (TOMS), Volume 19 Issue 1 Additional Information: full citation, abstract, references, citings, index Full text available: pdf(1.36 MB) terms We present FORTRAN 77 subroutines that solve statistical parameter estimation problems for general nonlinear models, e.g., nonlinear least-squares, maximum likelihood, maximum quasi-likelihood, generalized nonlinear least-squares, and some robust fitting problems. The accompanying test examples include members of the generalized linear model family, extensions using nonlinear predictors ("nonlinear GLIM"), and probabilistic choice models, such as linear-in-parameter multinomial ... 11 FITTEN - an APL workspace for nonlinear regression Lutz Edler, Jutta Berger July 1982 ACM SIGAPL APL Quote Quad, Proceedings of the international conference on APL, Volume 13 Issue 1 Additional Information: full citation, abstract, references, citings, index Full text available: pdf(482.94 KB) Based on the problems experimentally working scientists have if they want to fit theoretical curves or models (e.g. Bateman curves of compartment models in pharmacokinetics) to data which are nonlinear and can not be treated by usual regression techniques, we developed an interactive APL program called FITTEN in order to carry out nonlinear regressions. Emphasis has been placed on easy practicability, also for users with minor computing experience. Batch processing for high and interactive ... 12 SIGSAM BULLETIN: Computer algebra in the life sciences Michael P. Barnett December 2002 ACM SIGSAM Bulletin, Volume 36 Issue 4 Full text available: pdf(240.15 KB) Additional Information; full citation, abstract, references This note (1) provides references to recent work that applies computer algebra (CA) to the life sciences, (2) cites literature that explains the biological background of each application, (3) states the mathematical methods that are used, (4) mentions the benefits of CA, and (5) suggests some topics for future work. 13 Getting started in simulation in healthcare Julie C. Lowery December 1998 Proceedings of the 30th conference on Winter simulation Full text available: pdf(49.89 KB) Additional Information: full citation, references, citings, index terms

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Interactive 3D visualization of actual anatomy and simulated chemical time-course data

14

for fish

P. Rheingans, M. Marietta, J. Nichols

October 1995 Proceedings of the 6th conference on Visualization '95

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Outputs from a physiologically based toxicokinetic (PB-TK) model for fish were visualized by mapping time series data for specific tissues onto a three dimensional representation of a rainbow trout. The trout representation was generated in stepwise fashion: cross sectional images were obtained from an anesthetized fish using a magnetic resonance imaging (MRI) system; images were processed to classify tissue types; images were stacked and processed to create a three dimensional representation of ...

**Keywords:** actual anatomy, anesthetized fish, biology computing, biomedical NMR, chemical concentration, chemistry computing, continuous branchial exposure, cross sectional images, data visualisation, gastrointestinal tract, image representation, interactive 3D visualization, interactive systems, kinetic data, magnetic resonance imaging, pentachloroethane, physiologically based toxicokinetic model, rainbow trout, simulated chemical time-course data, three dimensional representation, time series data, tissue volumes, zoology

15	The traveling-salesman problem (abstract) Susan N. Twohig, Samuel O. Aletan January 1990 Proceedings of the 1990 ACM annual conference on Cooperation
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	The traveling-salesman problem is one of the classical NP-Complete problems. No current algorithms are available which can solve these problems in polynomial time, that is, the number of steps grows as a polynomial according to the size of the input. The traveling-salesman problem involves a salesman who must make a tour of a number of cities using the shortest path available. For each number of cities n, the number of paths which must be explored is n!, causing this problem to grow exponen
16	Improving human haptic performance in normal and impaired human populations

through unattended activation-based learning

Hubert R. Dinse, Tobias Kalisch, Patrick Ragert, Burkhard Pleger, Peter Schwenkreis, Martin Tegenthoff

April 2005 ACM Transactions on Applied Perception (TAP), Volume 2 Issue 2

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Human haptic performance is not fixed, but subject to major alterations through learning processes. We describe a new stimulation protocol that allows to improve haptic performance in humans in a highly systemic way through unattended activation-based learning. The so-called coactivation protocol is based upon temporal constraints of Hebbian learning where simultaneity plays a key role for the induction of plastic changes. We provide an overview about the potential of coactivation by summarizing ...

Keywords: Learning, aging, cognition, cortical reorganization, learn-ware, plasticity, therapy

17	Posters: A 3D image smoothing method for dynamic functional imaging	Γ
	Weidong Cai, Dagan Feng, Roger Fulton	
	December 2000 Selected papers from the Pan-Sydney workshop on Visualisation -	

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Dynamic functional imaging has been limited by the finite spatial resolution and high noise. Various smoothing methods have been proposed to reduce noise from functional image. However, these smoothing methods are usually based on the spatial domain and local statistical properties. Smoothing algorithms specifically designed for dynamic functional image data have not previously been investigated in detail. We present a new 3D smoothing method that aim to diminish the noise and improve the qualit ...

Keywords: image processing, medical imaging, smoothing

18 Use of a software package for diverse user-developed applications	_
Forest E. Morrison, June A. Page, Cynthia B. Irby	
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In recent years the technological advances in computer hardware have raced far ahead of the development of software. Computer manufacturers, software firms, government and private industry have all been caught in the dilemma of having the latest in data processing equipment, but lacking the trained personnel to achieve the maximum benefit from this equipment. Low priced mini and micro-computer systems started and are continuing to fuel the rush to decentralization. We see less of the centra	
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Thomas Funkhouser, Michael Kazhdan, Patrick Min, Philip Shilane	
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The number of 3D geometric models available in online repositories is growing dramatically. Examples include: the Protein Data Bank [1], which stores the 3D atomic coordinates for 29,000 protein molecules; the National Design Repository [9], which stores 3D computer-aided design (CAD) models for tens of thousands of mechanical parts; and the Princeton Shape Database [5], which stores polygonal surface models for 36,000 everyday objects crawled from the Web. Since graphics hardware is getting fas	
20 Topology control & mobility: Stationary distributions of random walk mobility models for wireless ad hoc networks  Michael McGuire	_
May 2005 Proceedings of the 6th ACM international symposium on Mobile ad hoc	
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To properly use a mobility model to evaluate a wireless network policy via computer simulations it is necessary to know the statistics of mobile terminal locations for the model. Unfortunately, these statistics are only known for a limited number of mobility models which limits the analysis of wireless networks that can be done using computer simulations. This paper presents a method for calculating an approximation of the steady-state distribution of mobile terminal locations for a general clas	
Keywords: mobility models, steady-state distributions, wireless ad hoc networks	

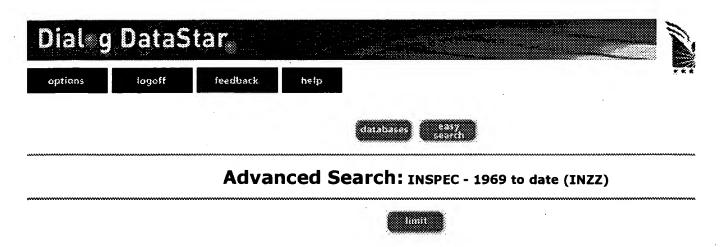
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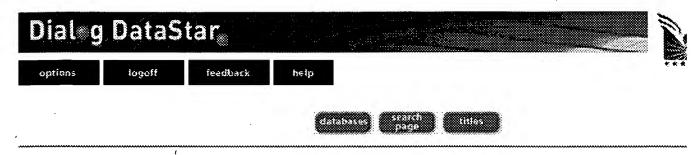
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	Z) Xpose-an S-PLUS for NONMEM.	S based populati	on <b>pharmacokinetic/pharmacodynamic</b> n	nodel
13 display full	document			
1999. (INZ	Z) A model-based a	algorithm for bloc	od glucose control in Type I diabetic patients.	
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1997. (INZZ control.	Z) Uncertain <b>pharn</b>	nacokinetic/ph	armacodynamic systems: design, estimatio	n and
15 display full of	<u>document</u>			
1994. (INZZ	Z) <b>Modeling</b> with N	Nonlin.		
16 display full	document			
	Z) GAMEES II: an e elief networks.	environment for t	ouilding probabilistic expert systems based on	arrays of
17 display full of	document			
	Z) BOOMER, a simu <b>Iynamic</b> data anal		eling program for pharmacokinetic and	
18 display full of	document		·	
1986. (INZZ	Z) Pharmacokinetic	s/pharmacodyna	mics: measures, models, and manipulations.	
19 display full of	document .			
1985. (INZZ	Z) Manipulative gar	mes with radioac	tivity analytical <b>pharmacokinetic</b> data.	
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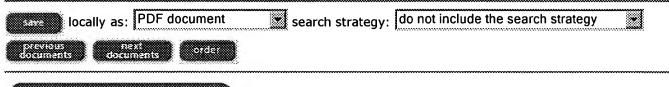
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### document 12 of 19 Order Document

INSPEC - 1969 to date (INZZ)

#### Accession number & update

6205528, C1999-05-7330-107; 19990401.

#### **Title**

Xpose-an S-PLUS based population **pharmacokinetic/pharmacodynamic** model building aid for NONMEM.

#### Author(s)

Jonsson-E-N; Karlsson-M-O.

#### **Author affiliation**

Dept of Pharmacy, Uppsala Univ, Sweden.

#### Source

Computer-Methods-and-Programs-in-Biomedicine (Ireland), vol.58, no.1, p.51-64, Jan. 1999., Published: Elsevier.

#### CODEN

CMPBEK.

#### **ISSN**

ISSN: 0169-2607, CCCC: 0169-2607/99/ (\$20.00).

#### **Availability**

SICI: 0169-2607(199901)58:1L.51:XPBP; 1-Q

Electronic Journal Document Number: S0169-2607(98)00067-4.

### **Publication year**

1999.

### Language

EN.

## **Publication type**

J Journal Paper.

#### Treatment codes

P Practical.

#### **Abstract**

The building of population **pharmacokinetic/pharmacodynamic** (PK/PD) models is a time-consuming and complicated task. This is partly due the lack of specialized tools for the data visualization and exploration requirements of this type of analysis. In this paper, we present Xpose, a model-building aid for population PK/PD analysis using the NONMEM population analysis program, which simplifies the task of producing documentation, data-set checkout plots, goodness-of-fit plots and graphical model comparisons. It also facilitates covariate model-building by the use of stepwise

generalized additive **modeling** (GAM), bootstraps of the GAM analyses and tree-based modelling. The plots and analyses are presented in the form of a text-based menu system, and the only thing the user has to do is to make NONMEM produce one or more table files named in a specific way. Xpose is written in the S-language, as implemented in the statistical modelling package S-PLUS. (14 refs).

#### **Descriptors**

<u>data-visualisation</u>; <u>digital-simulation</u>; <u>medical-computing</u>; <u>physiological-models</u>; <u>statistical-analysis</u>.

#### Kevwords

Xpose; S PLUS statistical modelling package; model building aid; population pharmacokinetics; population pharmacodynamics; NONMEM population analysis program; data visualization; data exploration requirements; documentation; data set checkout plots; goodness of fit plots; graphical model comparison; covariate model building; stepwise generalized additive **modeling**; bootstrapping; tree based modelling; text based menu system; table files; S language.

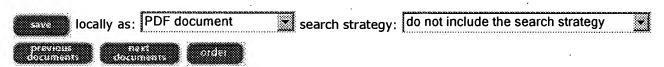
## **Classification codes**

C7330	(Biology and medical computing).
C6130B	(Graphics techniques).
C1140Z	(Other topics in statistics).

# **Copyright statement**

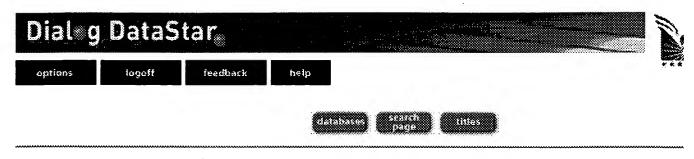
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document 14 of 19 Order Document

INSPEC - 1969 to date (INZZ)

#### Accession number & update

5785512, C9802-1290L-004; 971216.

Title

Uncertain pharmacokinetic/pharmacodynamic systems: design, estimation and control.

## Author(s)

D-Argenio-D-Z; Kyungsoo-Park.

#### **Author affiliation**

Dept of Biomed Eng, Univ of Southern California, Los Angeles, CA, USA.

Control-Engineering-Practice (UK), vol.5, no.12, p.1707-16, Dec. 1997., Published: Elsevier.

#### CODEN

COEPEL.

## **ISSN**

ISSN: 0967-0661, CCCC: 0967-0661/97/ (\$17.00+0.00).

#### Availability

SICI: 0967-0661(199712)5:12L.1707:UPPS; 1-K.

# **Publication** year

1997.

#### Language

EN.

#### Publication type

J Journal Paper.

#### **Treatment codes**

T Theoretical or Mathematical; X Experimental.

#### **Abstract**

In the study of many biological systems, measurement of some process variables occurs only infrequently and at irregular intervals relative to system time constants, while others are completely unobservable. The quantitative study of such sparse data systems (common in the fields of biochemistry, endocrinology, immunology, metabolism, pharmacology, pharmaceutical sciences, toxicology, and other areas), requires modeling methodologies developed expressly to handle the challenges of modeling and data analysis under the constraints of limited data. This presentation reviews current methods for design, estimation and control of sparse data systems, focusing on methods that formally incorporate important sources of uncertainty (both biological and experimental) into the modeling and analysis processes. The methods are illustrated using examples from

pharmacokinetics and pharmacodynamics. (33 refs).

# **Descriptors**

biocontrol; design-of-experiments; dynamics; maximum-likelihood-estimation; medicine; physiologicalmodels; stochastic-systems; uncertain-systems.

#### Keywords

uncertain systems; pharmacokinetics; pharmacodynamics; biological systems; experiment design; parameter estimation; stochastic control; drug development; sparse data systems.

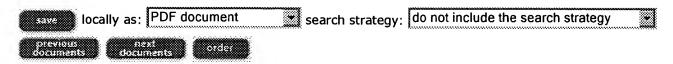
### Classification codes

C1290L	(Systems theory applications in biology and medicine).
C1220	(Simulation, modelling and identification).
C1340G	(Time-varying control systems).
C1140Z	(Other topics in statistics).

### **Copyright statement**

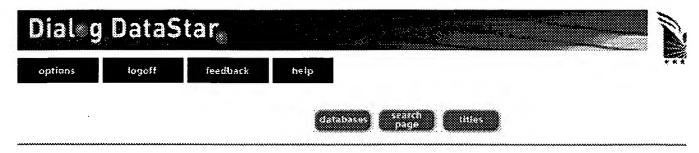
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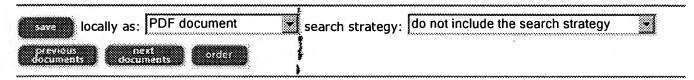
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document 15 of 19 Order Document

INSPEC - 1969 to date (INZZ)

Accession number & update

5671159, C9710-7330-062; 970820.

**Title** 

Modeling with Nonlin.

Author(s)

Weiner-D-L; Ed. by Anderson-J-G; Katzper-M.

Author affiliation

Syntex Dev Res, CA, USA.

Source

Proceedings of Simulation in the Health Sciences, Tempe, AZ, USA, 24-26 Jan. 1994.

In: p.90, 1994.

**Publication year** 

1994.

Language

EÑ.

**Publication type** 

CPP Conference Paper.

Treatment codes

P Practical; R Product Review.

#### **Abstract**

Nonlin was completely rewritten in 1985, incorporating numerous significant enhancements, and has continued to undergo periodic revisions since then. Versions are currently available for MS-DOS based computers (PCNonlin), DEC Vax (Vax Nonlin), and mainframes (Portable Nonlin). These new versions are powerful, yet easy to use. The Nonlin family is capable of simulating and fitting general nonlinear models, which can be expressed in closed form or as a system of differential equations. Most commonly employed **pharmacokinetic** and **pharmacodynamic** models can be specified by simply specifying an appropriate model number. Nonlin also provides estimates and standard errors of commonly used functions of **pharmacokinetic** model parameters, such as half lives and residence times. PCNonlin has a powerful graphics module which makes it particularly useful for **pharmacokinetic** simulations. A PC-Windows version and a library of

pharmacokinetic /pharmacodynamic link models are currently under development. (0 refs) .

**Descriptors** 

digital-simulation; medical-computing; software-reviews.

#### Keywords

Nonlin; MS DOS; PCNonlin; DEC Vax; Vax Nonlin; mainframes; Portable Nonlin; general nonlinear models; differential equations; **pharmacokinetic** models; **pharmacodynamic** models; half lives;

residence times; graphics module; pharmacokinetic simulations; PC Windows; pharmacokinetic pharmacodynamic link models.

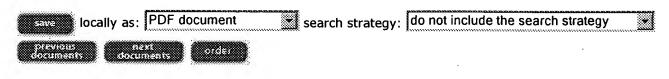
#### Classification codes

C7330 (Biology and medical computing). C6185 (Simulation techniques).

#### Copyright statement

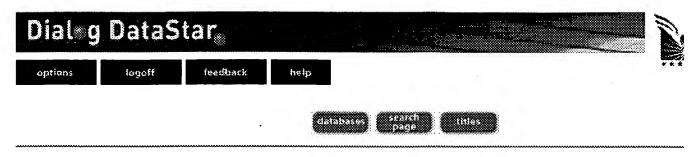
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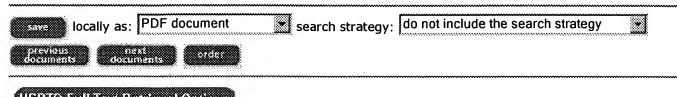
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# USPTO Full Text Retrieval Options

document 17 of 19 Order Document

INSPEC - 1969 to date (INZZ)

#### Accession number & update

3489526, C89069137; 890000.

**Title** 

BOOMER, a simulation and **modeling** program for **pharmacokinetic** and **pharmacodynamic** data analysis.

## Author(s)

Bourne-D-W-A.

#### **Author affiliation**

Coll of Pharmacy, Oklahoma Univ, Health Sci Center, Oklahoma City, OK, USA.

#### Source

Computer-Methods-and-Programs-in-Biomedicine (Netherlands), vol.29, no.3, p.191-5, July 1989.

#### **CODEN**

CMPBEK.

#### **ISSN**

ISSN: 0169-2607, CCCC: 0169-2607/89/ (\$03.50).

# **Publication year**

1989.

#### Language

EN.

# **Publication type**

J Journal Paper.

## Treatment codes

P Practical.

#### **Abstract**

BOOMER is an improved version of an earlier nonlinear regression program, MULTI-FORTE by D.W.A. Bourne (1986). Rather than the user writing a FORTRAN subroutine, models are defined by means of the parameters which make up the model. Models based on differential equations are specified by means of zero-order, first-order, or Michaelis-Menten-type rate constants. Doses (in units of mass) are translated into the usually observed concentration units by a reciprocal volume parameter. Integrated equation models are specified in terms of baseline terms, exponential terms, or the emax function with slope term as described by the Hill equation. Time points can be specified as parameters to specify dose times, infusion start/stop times, or lag times. With careful selection of parameters quite complex models can be specified. The user has a choice of differential equation solvers and fitting algorithms. (8 refs).

#### **Descriptors**

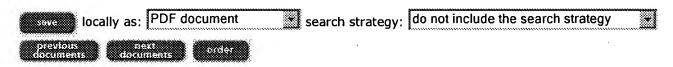
data-analysis; differential-equations; digital-simulation; medical-computing; microcomputerapplications; programming.

pharmacokinetic data analysis; BOOMER; simulation program; time points; integrated equation models; modeling program; pharmacodynamic data analysis; nonlinear regression program; zero order; first order; Michaelis Menten type rate constants; concentration units; reciprocal volume parameter; baseline terms; exponential terms; emax function; slope term; Hill equation; dose times; infusion startstop times; lag times; differential equation solvers.

### **Classification codes**

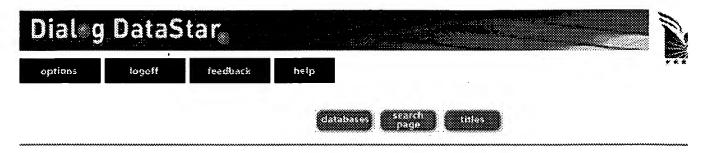
C7330	(Biology and medicine).
C6130	(Data handling techniques).
C6110	(Systems analysis and programming).

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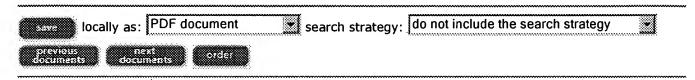
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### document 18 of 19 Order Document

INSPEC - 1969 to date (INZZ)

#### Accession number & update

2765846, C86054672; 860000.

Title

Pharmacokinetics/pharmacodynamics: measures, models, and manipulations.

### Author(s)

Colburn-W-A; Ed. by Whiteside-R-A.

### **Author affiliation**

Drug Metabolism Dept, Warner-Lambert/Parke-Davis Pharmaceutical Res, Ann Arbor, MI, USA.

#### Source

Simulation at the Frontiers of Science with Papers on Software and Hardware Systems for the Simulationist. Proceedings from the Eastern Simulation Conferences, Norfolk, VA, USA, 10-12 March 1986, p.7-11.

Published: SCS, San Diego, CA, USA, 1986, vii+163 pp

Translation of: A02.

#### **ISSN**

ISBN: 0-911801-09-X.

#### **Publication year**

1986.

#### Language

EN.

# **Publication type**

CPP Conference Paper.

#### **Treatment codes**

P Practical.

#### Abstract

Pharmacokinetic/pharmacodynamic (PK/PD) modeling has become extremely popular over the past few years. Its popularity, however, has lead to widespread acceptance and usage without a great deal of understanding of the models or the experimental data that are required to adequately justify their use. A review of the current modeling techniques, experimental designs and data evaluation methods are presented along with examples of more physiologically and pharmacologically reasonable alternatives, when applicable. Methods for developing and evaluating the model, including comparison of observed effects as a function of rate and route of administration as well as single dose and multiple dose cascades are presented. In addition, it was shown that good estimates of the PK and PD profiles are necessary to make good use of PK/PD modeling techniques and that these goals are achievable only with adequate experimental study designs. The conclusions drawn from this presentation are that PK/PD modeling is in its infancy and that the models and the applicability of the parameters they

provide will need to evolve over the next few years to yield experimentally and, more important, clinically useful information. Simulation and curve-fitting techniques along with model development will be instrumental in this evolution. (17 refs).

#### **Descriptors**

medicine; physiological-models.

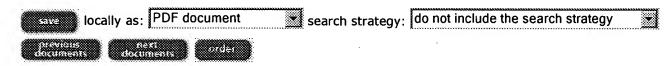
### Keywords

pharmacokinetic modeling; pharmacodynamic modeling; data evaluation methods; PKPD modeling.

#### **Classification codes**

C1290L (Biology and medicine).

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L4: Entry 1 of 2

File: USPT

Sep 11, 2001

Claims KMC Draw De

US-PAT-NO: 6287848

DOCUMENT-IDENTIFIER: US 6287848 B1

TITLE: Dosage modeling system

DATE-ISSUED: September 11, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Hamzeh; Fayez M.

Title Citation Front Review Classification Date Reference

MD

Lietman; Paul S.

Baltimore Baltimore

MD

US-CL-CURRENT: 435/286.7; 435/289.1, 435/297.5

2. Document IL	D: US 5962317 A			
L4: Entry 2 of 2		File: USF	PT	Oct 5, 1999
US-PAT-NO: 5962317 DOCUMENT-IDENTIFIER: U	s 5962317 A			
TITLE: Dosage modeling	system			
DATE-ISSUED: October 5	, 1999	,		·
INVENTOR-INFORMATION:				
NAME	CITY	STATE	ZIP CODE	COUNTRY
Hamzeh; Fayez M.	Baltimore	MD		

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1. Document ID: US 20050112680 A1

L5: Entry 1 of 35

File: PGPB

May 26, 2005

PGPUB-DOCUMENT-NUMBER: 20050112680

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050112680 A1

TITLE: Gene sequence variances in genes related to folate metabolism having utility

in determining the treatment of disease

PUBLICATION-DATE: May 26, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

RULE-47

Stanton, Vincent P. JR.

Belmont

MA

US

COUNTRY

US-CL-CURRENT: 435/6; 530/350, 536/24.3, 536/25.32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw De

2. Document ID: US 20050112627 A1

L5: Entry 2 of 35

File: PGPB

May 26, 2005

PGPUB-DOCUMENT-NUMBER: 20050112627

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050112627 A1

TITLE: Methods for optimizing clinical responsiveness to methotrexate therapy using

metabolite profiling and pharmacogenetics

PUBLICATION-DATE: May 26, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

RULE-47

Dervieux, Thierry

Walsh, Michael

San Diego

CA

US

COUNTRY

San Diego

CA

US

US-CL-CURRENT: 435/6; 514/251

Full Title Citation Front Review Classification Date Reference Sequences Atlachments Claims KMC Draw De

3. Document ID: US 20050069936 A1

L5: Entry 3 of 35

File: PGPB

Mar 31, 2005

PGPUB-DOCUMENT-NUMBER: 20050069936

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050069936 A1

TITLE: Diagnostic markers of depression treatment and methods of use thereof

PUBLICATION-DATE: March 31, 2005

INVENTOR-INFORMATION:

NAME CITY

Č :

STATE COUNTRY

RULE-47

Diamond, Cornelius

San Diego

CA

US

Bremer, Troy

San Diego

CA

US

US-CL-CURRENT: 435/6; 514/1

Full	Title Citation	Frent	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawa De

4. Document ID: US 20040171056 A1

L5: Entry 4 of 35

File: PGPB

Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040171056

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040171056 A1

TITLE: Gene sequence variations with utility in determining the treatment of

disease, in genes relating to drug processing

PUBLICATION-DATE: September 2, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

RULE-47

Stanton, Vincent P. JR.

Belmont

MA

US

COUNTRY

US-CL-CURRENT: 435/6; 530/350, 536/24.3

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

5. Document ID: US 20040115183 A1

L5: Entry 5 of 35

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040115183

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040115183 A1

Record List Display Page 3 of 10

TITLE: Site-specific in situ generation of allicin using a targeted alliinase delivery system for the treatment of cancers, tumors, infectious diseases and other allicin-senstive diseases

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Rabinkov, Aharon Rehovot IL
Miron, Talia Kfar Haim IL
Mirelman, David Ramat Efal IL
Wilchek, Meir Rehovot IL

US-CL-CURRENT: 424/94.4; 424/178.1, 435/188.5

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw De

6. Document ID: US 20040082000 A1

L5: Entry 6 of 35 File: PGPB Apr 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040082000

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040082000 A1

TITLE: Identification of genetic components of drug response

PUBLICATION-DATE: April 29, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Stanton, Vincent P. JR. Belmont MA US

US-CL-CURRENT: 435/6

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw Da

7. Document ID: US 20040009510 A1

L5: Entry 7 of 35 ' File: PGPB Jan 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040009510

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040009510 A1

TITLE: Allosteric nucleic acid sensor molecules

PUBLICATION-DATE: January 15, 2004

INVENTOR-INFORMATION:

Record List Display Page 4 of 10

NAME CITY STATE COUNTRY RULE-47 Seiwert, Scott CA US Pacifica Vaish, Narendra Denver CO US Zinnen, Shawn CO US Denver Jadhav, Vasant Boulder CO US Kossen, Karl Westminster CO US

US-CL-CURRENT: 435/6; 435/199, 536/24.3

Full	Title	Citation Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draws De
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File: PGPB

Jan 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040006035

PGPUB-FILING-TYPE: new

L5: Entry 8 of 35

DOCUMENT-IDENTIFIER: US 20040006035 A1

TITLE: Nucleic acid mediated disruption of HIV fusogenic peptide interactions

PUBLICATION-DATE: January 8, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Macejak, Dennis Arvada CO US
Blatt, Lawrence San Francisco CA US
McSwiggen, James Boulder CO US

US-CL-CURRENT: <u>514/44</u>; <u>536/23.72</u>

UMC   Drawn D
*******

# 9. Document ID: US 20030198666 A1

L5: Entry 9 of 35 File: PGPB Oct 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030198666

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030198666 A1

TITLE: Oral insulin therapy

PUBLICATION-DATE: October 23, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Abbas, Richat Mohegan Lake NY US Goldberg, Michael M. Tarrytown NJ US Woods, T. Cooper Dinh, Steven Arbit, Ehud

New York NY
Tarrytown NY
Tarrytown NJ

y us J us

US

US-CL-CURRENT: 424/452; 424/465, 514/3

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims RMC Draw Do

10. Document ID: US 20030166301 A1

L5: Entry 10 of 35

File: PGPB

Sep 4, 2003

RULE-47

PGPUB-DOCUMENT-NUMBER: 20030166301

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030166301 A1

TITLE: Multiple binding moiety chromatography device, methods of using and methods

of making same

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:

NAME Wainer, Irving W. Moaddel, Ruin Cloix, Jean-Francois

Ertem, Gozen

CITY
Washington
Germantown
Mereville
Washington

DC US MD US DC FR

STATE

FR US

COUNTRY

US-CL-CURRENT: <u>436</u>/<u>518</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KiniC Draw De

11. Document ID: US 20030152515 A1

L5: Entry 11 of 35

File: PGPB

Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030152515

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030152515 A1

TITLE: Method for estimating effective regimens and patient survival rates of

antibiotic treatments for fatal infectious diseases

PUBLICATION-DATE: August 14, 2003

INVENTOR-INFORMATION:

NAME CITY

STATE

COUNTRY

RULE-47

Lee, Ren-Jin

Gaithersburg

· MD

US

US-CL-CURRENT: 424/9.2; 702/19

Record List Display Page 6 of 10

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

12. Document ID: US 20030113371 A1

L5: Entry 12 of 35 File: PGPB Jun 19, 2003

PGPUB-DOCUMENT-NUMBER: 20030113371

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030113371 A1

TITLE: Composition and method for maintaining blood glucose level by employing the

hydrophilic matrix based oral controlled release antidiabetic composition

PUBLICATION-DATE: June 19, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Dhawan, Sanju Chandigarh IN US Singla, Anil Kumar Chandigarh IN

US-CL-CURRENT: 424/468; 514/369

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KNAC Draw De

13. Document ID: US 20030088320 A1

L5: Entry 13 of 35 File: PGPB May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030088320

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030088320 A1

TITLE: Unsupervised machine learning-based mathematical model selection

PUBLICATION-DATE: May 8, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Sale, Mark Edward Raleigh NC US

US-CL-CURRENT: <u>7.00/30</u>; <u>700/29</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

14. Document ID: US 20030082141 A1

L5: Entry 14 of 35 File: PGPB May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030082141

Record List Display Page 7 of 10

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030082141 A1

TITLE: COX-2 function and wound healing

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME COUNTRY CITY STATE RULE-47

O'Connor, J. Patrick Fanwood NJ US

US-CL-CURRENT:  $\underline{424}/\underline{93.2}$ ;  $\underline{424}/\underline{45}$ ,  $\underline{424}/\underline{450}$ ,  $\underline{435}/\underline{235.1}$ ,  $\underline{435}/\underline{320.1}$ ,  $\underline{435}/\underline{456}$ 

Full Title	Citation Front	Review Classification	Date Reference	Sequences	Attachments   Claims	K000C Draws De
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III 15	Document ID	· US 200300787	60 A 1			

3.... 15. Document ID: US 200300/8/60 A1

L5: Entry 15 of 35

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030078760

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030078760 A1

TITLE: Population pharmacokinetic modeling and analysis (PDx-POP.TM.)

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Bachman, William J. Rockville MD · US Bigora, Sian F. Gambrills MD US Gastonguay, Marc R. Simsbury CTUS Young, David Ellicott City MD US

US-CL-CURRENT: 703/11; 600/300, 702/19

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₹∜ 1 <b>0</b> .	Document ID.	75 200300 <del>4</del> 3636	AI					
L5: Entry	16 Of 35		File: 1	PGPB		Mar	6,	2003

PGPUB-DOCUMENT-NUMBER: 20030045858

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030045858 A1

TITLE: System and method for adaptive drug delivery

PUBLICATION-DATE: March 6, 2003

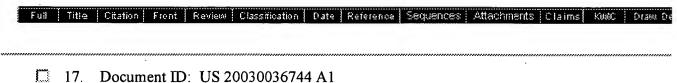
Record List Display Page 8 of 10

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Struys, Michel Belsele BE De Smet, Tom Temse BE Versichelen, Linda Afsnee BE

US-CL-CURRENT: 604/503



L5: Entry 17 of 35 File: PGPB Feb 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030036744

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030036744 A1

TITLE: System and method for adaptive drug delivery

PUBLICATION-DATE: February 20, 2003

INVENTOR-INFORMATION:

NAME CITY STATE RULE-47 COUNTRY

Struys, Michel Belsele ΒE De Smet, Tom Temse ΒE Versichelen, Linda Afsnee

BE

US-CL-CURRENT: 604/503

Full Title	Citation Front	Review Classification Date	e Reference	Sequences	Attachments	Claims	K008C	Drawi De
<b>18</b> .	Document ID:	US 20020012921 A	l					•
L5: Entry	18 of 35		File: F	PGPB		Jan :	31,	2002

PGPUB-DOCUMENT-NUMBER: 20020012921

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020012921 A1

TITLE: Identification of genetic components of drug response

PUBLICATION-DATE: January 31, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Stanton, Vincent P. JR. Belmont MΑ US

US-CL-CURRENT: 435/6; 435/4

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

19. Document ID: US 20010034023 A1

L5: Entry 19 of 35

File: PGPB

Oct 25, 2001

PGPUB-DOCUMENT-NUMBER: 20010034023

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010034023 A1

TITLE: Gene sequence variations with utility in determining the treatment of

disease, in genes relating to drug processing

PUBLICATION-DATE: October 25, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

KOTE

Stanton, Vincent P. JR.

Belmont

MΑ

US

Zillmann, Martin

Shrewsbury

MA

US

US-CL-CURRENT: 435/6; 702/20

Full Title	Citation	Front	Review	Classification	Date	Reference		Attachments	Claims	1000EC	Drawe De
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20. Document ID: US 6759200 B1

L5: Entry 20 of 35

File: USPT

Jul 6, 2004

US-PAT-NO: 6759200

DOCUMENT-IDENTIFIER: US 6759200 B1

TITLE: Thymidine phosphorylase gene sequence variances having utility in

determining the treatment of disease

DATE-ISSUED: July 6, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

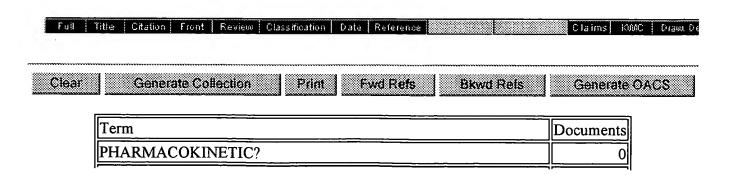
COUNTRY

Stanton, Jr.; Vincent P.

Belmont

US-CL-CURRENT: <u>435/6</u>; <u>435/91.1</u>, <u>435/91.2</u>, <u>436/501</u>, <u>536/22.1</u>, <u>536/23.1</u>, <u>536/24.1</u>

MΑ



# **Hit List**

Clear Generate Collection Bkwd Refs Print Fwd Refs Generate OACS

**Search Results** - Record(s) 21 through 35 of 35 returned.

21. Document ID: US 6703045 B2

L5: Entry 21 of 35

File: USPT

Mar 9, 2004

US-PAT-NO: 6703045

DOCUMENT-IDENTIFIER: US 6703045 B2

TITLE: Composition and method for maintaining blood glucose level

DATE-ISSUED: March 9, 2004

INVENTOR-INFORMATION:

NAME

Singla; Anil Kumar

CITY

STATE

ZIP CODE COUNTRY

Dhawan; Sanju

Chandigarh Chandigarh

IN IN

US-CL-CURRENT: <u>424/464</u>; <u>424/451</u>, <u>424/452</u>, <u>424/457</u>, <u>424/465</u>, <u>424/468</u>, <u>424/484</u>, <u>424/486, 424/488, 514/772, 514/772.1</u>

Full Title Citation Front Review Classification Date Reference Claims KMC Draw De

22. Document ID: US 6673908 B1

L5: Entry 22 of 35

File: USPT

Jan 6, 2004

US-PAT-NO: 6673908

DOCUMENT-IDENTIFIER: US 6673908 B1

TITLE: Tumor necrosis factor receptor 2

DATE-ISSUED: January 6, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Stanton, Jr.; Vincent P.

Belmont

MA

US-CL-CURRENT: 536/22.1; 435/6, 435/91.1, 435/91.2, 536/23.1, 536/24.3, 536/24.31,

<u>536/24.33</u>

Full Title Citation Front Review Classification Date Reference Claims KOMC Draw De 23. Document ID: US 6664062 B1

L5: Entry 23 of 35

File: USPT

Dec 16, 2003

US-PAT-NO: 6664062

DOCUMENT-IDENTIFIER: US 6664062 B1

TITLE: Thymidylate synthase gene sequence variances having utility in determining

the treatment of disease

DATE-ISSUED: December 16, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Stanton, Jr.; Vincent P. Belmont MA

US-CL-CURRENT: 435/6; 435/252.3, 435/320.1, 536/23.1, 536/24.31, 536/24.33

24. Document ID: US 6647358 B2

L5: Entry 24 of 35

File: USPT

Nov 11, 2003

US-PAT-NO: 6647358

DOCUMENT-IDENTIFIER: US 6647358 B2

TITLE: Pharmacokinetic-based drug design tool and method

DATE-ISSUED: November 11, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Grass; George M. Tahoe City CA
Leesman; Glen D. Hamilton MT
Norris; Daniel A. San Diego CA
Sinko; Patrick J. Lebanon NJ
Wehrli; John E. Mountain View CA

US-CL-CURRENT: <u>703/2</u>; <u>702/19</u>, <u>703/11</u>

Full Title Citation Front Review Classification Date Reference Citation Claims 1000C Draw De

25. Document ID: US 6631291 B2

L5: Entry 25 of 35 File: USPT Oct 7, 2003

US-PAT-NO: 6631291

DOCUMENT-IDENTIFIER: US 6631291 B2

Record List Display Page 3 of 7

TITLE: Closed loop drug administration method and apparatus using EEG complexity

for control purposes

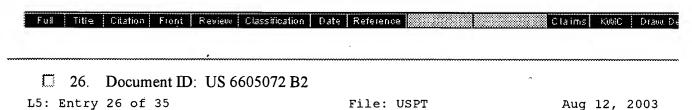
DATE-ISSUED: October 7, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Viertio-Oja; Hanna Espoo FI Cohen-Laroque; Emmanuel-S Archamps FR

US-CL-CURRENT: 600/544



US-PAT-NO: 6605072

DOCUMENT-IDENTIFIER: US 6605072 B2

TITLE: System and method for adaptive drug delivery

DATE-ISSUED: August 12, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Struys; Michel Belsele BE
De Smet; Tom Temse BE
Versichelen; Linda Afsnee BE

US-CL-CURRENT: 604/503

<b>***</b>	10	iem Classification	Fign	Citation	Title	Full
₩:	30	iew Classification	Fignt	Untation	little	Fuil

# 27. Document ID: US 6599281 B1

L5: Entry 27 of 35 File: USPT

File: USPT Jul 29, 2003

US-PAT-NO: 6599281

DOCUMENT-IDENTIFIER: US 6599281 B1

TITLE: System and method for adaptive drug delivery

DATE-ISSUED: July 29, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Struys; Michel Belsele BE
De Smet; Tom Temse BE

Versichelen; Linda

Afsnee

BE

US-CL-CURRENT: 604/503

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Do

28. Document ID: US 6542858 B1

L5: Entry 28 of 35

File: USPT

Apr 1, 2003

US-PAT-NO: 6542858

DOCUMENT-IDENTIFIER: US 6542858 B1

TITLE: Pharmacokinetic-based drug design tool and method

DATE-ISSUED: April 1, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Grass; George M. Tahoe City CA
Leesman; Glen D. Hamilton MT
Norris; Daniel A. San Diego CA
Sinko; Patrick J. Lebanon NJ

Wehrli; John E.

Mountain View

CA

US-CL-CURRENT: <u>703/2</u>; <u>702/19</u>, <u>703/11</u>

Full Title Citation Front Review Classification Date Reference

29. Document ID: US 6537759 B1

L5: Entry 29 of 35

File: USPT

Mar 25, 2003

US-PAT-NO: 6537759

DOCUMENT-IDENTIFIER: US 6537759 B1

TITLE: Folylpolyglutamate synthetase gene sequence variances having utility in

determining the treatment of disease

DATE-ISSUED: March 25, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Stanton, Jr.; Vincent P. Belmont MA

US-CL-CURRENT:  $\underline{435/6}$ ;  $\underline{435/91.1}$ ,  $\underline{435/91.2}$ ,  $\underline{514/100}$ ,  $\underline{536/22.1}$ ,  $\underline{536/24.3}$ 

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | Claims | Claims | KMC | Draw De

30. Document ID: US 6503906 B1

L5: Entry 30 of 35

File: USPT

Jan 7, 2003

US-PAT-NO: 6503906

DOCUMENT-IDENTIFIER: US 6503906 B1

TITLE: Method for optimizing ciprofloxacin treatment of anthrax-exposed patients

according to the patient's characteristics

DATE-ISSUED: January 7, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lee; Ren-Jin

Gaithersburg

MD .

20878

US-CL-CURRENT: <u>514/253.05</u>; <u>514/253.07</u>, <u>514/253.08</u>, <u>514/885</u>

Full Title Citation Front Review Classification Date Reference Claims KMC Draw De 31. Document ID: US 6287848 B1 L5: Entry 31 of 35 File: USPT Sep 11, 2001 US-PAT-NO: 6287848 DOCUMENT-IDENTIFIER: US 6287848 B1 TITLE: Dosage modeling system DATE-ISSUED: September 11, 2001 INVENTOR-INFORMATION: NAME CITY STATE ZIP CODE COUNTRY Hamzeh; Fayez M. Baltimore MD Lietman; Paul S.

US-CL-CURRENT: <u>435/286.7</u>; <u>435/289.1</u>, 435/297.5

Baltimore

Full Title Citation Front Review Classification Date Reference Claims KWC Draw De 32. Document ID: US 6108635 A L5: Entry 32 of 35 File: USPT Aug 22, 2000

MD

US-PAT-NO: 6108635

DOCUMENT-IDENTIFIER: US 6108635 A

TITLE: Integrated disease information system

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Herren; L. Tandy San Antonio TX Fink; Pamela K. San Antonio TX Kornman; Kenneth S. San Antonio TX Moehle; Christopher J. San Antonio TX Moore; Debra J. Cincinnati

US-CL-CURRENT: 705/2; 600/300, 705/3, 705/4



ОН

33. Document ID: US 5962317 A

L5: Entry 33 of 35 File: USPT Oct 5, 1999

US-PAT-NO: 5962317

DOCUMENT-IDENTIFIER: US 5962317 A

TITLE: Dosage modeling system

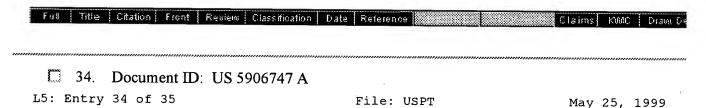
DATE-ISSUED: October 5, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Hamzeh; Fayez M. Baltimore MD Lietman; Paul S. Baltimore MD

US-CL-CURRENT: 435/325



US-PAT-NO: 5906747

DOCUMENT-IDENTIFIER: US 5906747 A

TITLE: Separation of molecules from dilute solutions using composite chromatography

media having high dynamic sorptive capacity at high flow rates

DATE-ISSUED: May 25, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE . COUNTRY

Coffman; Jonathan L. Marlborough MA

Girot; Pierre Paris FR

Boschetti; Eqisto Croissy sur Seine FR US-CL-CURRENT: 210/635; 210/198.2, 210/656, 530/413, 530/417

1	Full	Title	Citation	Front	Review Classification	Date	Reference	Claims	KMC	Drawe De
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35. Document ID: US 5229131 A

L5: Entry 35 of 35

File: USPT

Jul 20, 1993

US-PAT-NO: 5229131

DOCUMENT-IDENTIFIER: US 5229131 A

TITLE: Pulsatile drug delivery system

DATE-ISSUED: July 20, 1993

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Amidon; Gordon L.

Ann Arbor

MI

Leesman; Glen D.

Ann Arbor

MI

US-CL-CURRENT: 424/451; 424/464, 424/473, 424/480

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Term	Documents
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PHARMACOKINETICE	1
PHARMACOKINETICS	11810
PHARMACODYNAMIC?	0
PHARMACODYNAMICS	2561
((PHARMACODYNAMIC? NEAR PHARMACOKINETIC?) AND 3).PGPB,USPT.	35
(L3 AND (PHARMACOKINETIC? NEAR PHARMACODYNAMIC?) ).PGPB,USPT.	35

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